

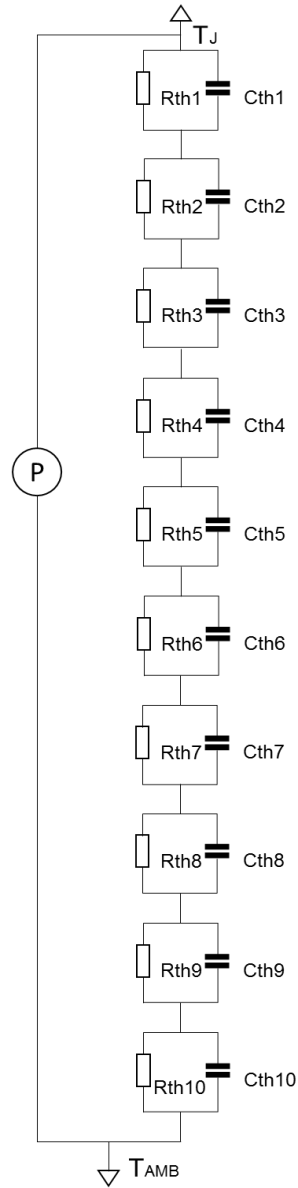
### SPICE thermal model

GaN063-650WSA

| Symbol         | Parameter   | Conditions | Min | Typ | Max  | Unit |
|----------------|---|------------|-----|-----|------|------|
| $R_{th(j-mb)}$ | thermal resistance from junction to mounting base |            | -   | -   | 1.05 | K/W  |

|                   |              |
|-------------------|--------------|
| Cth <sub>1</sub>  | 0.27912300 F |
| Cth <sub>2</sub>  | 8.12593000 F |
| Cth <sub>3</sub>  | 0.01193130 F |
| Cth <sub>4</sub>  | 0.01705010 F |
| Cth <sub>5</sub>  | 0.00329218 F |
| Cth <sub>6</sub>  | 0.13547300 F |
| Cth <sub>7</sub>  | 0.05902970 F |
| Cth <sub>8</sub>  | 0.00010340 F |
| Cth <sub>9</sub>  | 0.00092649 F |
| Cth <sub>10</sub> | 0.04967720 F |

|                   |              |
|-------------------|--------------|
| Rth <sub>1</sub>  | 0.07858090 Ω |
| Rth <sub>2</sub>  | 0.03658060 Ω |
| Rth <sub>3</sub>  | 0.06184680 Ω |
| Rth <sub>4</sub>  | 0.25930400 Ω |
| Rth <sub>5</sub>  | 0.04072420 Ω |
| Rth <sub>6</sub>  | 0.09501880 Ω |
| Rth <sub>7</sub>  | 0.39483500 Ω |
| Rth <sub>8</sub>  | 0.00967078 Ω |
| Rth <sub>9</sub>  | 0.02261170 Ω |
| Rth <sub>10</sub> | 0.03371300 Ω |



Part: GaN063-650WSA

Date: 15/2/2019

Model Rth 1.05 K/W